

AMENDMENTS TO THE SPECIFICATION

IN THE SPECIFICATION:

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Please amend the Specification on page 19 beginning at line 17 as follows:

The ~~matched filter 62~~ matched filtering unit 62 calculates the channel impulse responses S63 and S64 by channels according to the cross correlation processing of the despreaded signals S61 and S62 and the transmitted pilot signals by channels at the transmitter. In the multicarrier system, a guard interval is usually added at the transmission time. Therefore, generally, transmission performance improves when a preceding wave position is selected as a synchronization position. Accordingly, the preceding-wave searching unit 63 determines the preceding wave position based on the channel impulse responses S63 and S64.